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<120> OUTCOME PREDICTION AND RISK CLASSIFICATION IN CHILDHOOD
LEUKEMIA

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<140> 10/729,895

<141> 2003-12-05

<150> 60/510,904

<151> 2003-10-14

<150> 60/510,968

<151> 2003-10-14

<150> 60/432,064

<151> 2002-12-06

<150> 60/432,077

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<170> PatentIn Ver. 3.2

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<222> (1)..(1026)

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Thr	Asn	Asn	Gln	Ser	Tyr	Ile	Cys	Asp	Thr	Gly	His	Cys	Cys	Gly	Gln	
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Leu Ile Ala Tyr Arg Glu Ala His Asn Tyr Ser Ala Leu Pro Phe Tyr	
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ttc agg ttt ttg cca aac tat tta cta cct cct tat gag gaa gtg gtg	336
Phe Arg Phe Leu Pro Asn Tyr Leu Leu Pro Pro Tyr Glu Glu Val Val	
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Asn Arg Pro Pro Thr Pro Pro Pro Pro Tyr Ser Ala Phe Gln Leu Gln	
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Pro Gly Ile Asp Pro Thr Arg Gly Ser Gln Gly Ala Gln Ser Ser Pro	
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Cys Asn Arg Gly His His Asp Asp Asp Leu Lys Glu Phe Asn Thr Leu	
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atc gat gat gct ctg gat ggg ccc ctg gac ttc tgc gac agc tgc cat	864
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<212> PRT

<213> Homo sapiens

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Trp Thr Ile Ile Ile Ile Leu Ser Cys Cys Cys Val Cys His His Arg
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Arg Ala Lys His Arg Leu Gln Ala Gln Gln Arg Gln His Glu Ile Asn
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Leu Ile Ala Tyr Arg Glu Ala His Asn Tyr Ser Ala Leu Pro Phe Tyr
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Asn Arg Pro Pro Thr Pro Pro Pro Pro Tyr Ser Ala Phe Gln Leu Gln
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Pro Gly Ile Asp Pro Thr Arg Gly Ser Gln Gly Ala Gln Ser Ser Pro
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 225 230 235 240
 Gly Arg His Arg Arg Phe Thr Gly Asp Ser Gly Ile Glu Val Cys Val
 245 250 255
 Cys Asn Arg Gly His His Asp Asp Asp Leu Lys Glu Phe Asn Thr Leu
 260 265 270
 Ile Asp Asp Ala Leu Asp Gly Pro Leu Asp Phe Cys Asp Ser Cys His
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 Glu Gln Ala Arg Glu Pro Gly His Pro His Leu Pro Arg Pro Pro Ala
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 Ser Ser Ser Ser Pro Ser
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<220>
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 <222> (1)..(1089)

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 gaa gcc tgt gtg ggt acc aac aat caa agc tac atc tgt gac aca gga 144
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 35 40 45

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Val Cys His His Arg Arg Ala Lys His Arg Leu Gln Ala Gln Gln Arg	
85 90 95	
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Gln His Glu Ile Asn Leu Ile Ala Tyr Arg Glu Ala His Asn Tyr Ser	
100 105 110	
gcg ctg cca ttt tat ttc agg ttt ttg cca aac tat tta cta cct cct	384
Ala Leu Pro Phe Tyr Phe Arg Phe Leu Pro Asn Tyr Leu Leu Pro Pro	
115 120 125	
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Tyr Glu Glu Val Val Asn Arg Pro Pro Thr Pro Pro Pro Pro Tyr Ser	
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gca ggt ggc agt ccc ccg ggc atc gat ccc acc agg gga tcc cag ggg	528
Ala Gly Gly Ser Pro Pro Gly Ile Asp Pro Thr Arg Gly Ser Gln Gly	
165 170 175	
gca cag agc agc ccc ttg tct gag ccc agc aga agc agc aca aga ccc	576
Ala Gln Ser Ser Pro Leu Ser Glu Pro Ser Arg Ser Ser Thr Arg Pro	
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Pro Ser Ile Ala Asp Pro Asp Pro Ser Asp Leu Pro Val Asp Arg Ala	
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Gly Glu Leu Asp Pro Gly Ala Phe Leu Asp Lys Asp Ala Glu Cys Arg	
225 230 235 240	
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245 250 255	
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Lys Glu Lys Thr Pro Gly Arg His Arg Arg Phe Thr Gly Asp Ser Gly	
260 265 270	
att gaa gtg tgt gtg tgc aac cgg ggc cac cat gac gat gac ctc aaa	864

Ile Glu Val Cys Val Cys Asn Arg Gly His His Asp Asp Asp Leu Lys
 275 280 285

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 Glu Phe Asn Thr Leu Ile Asp Asp Ala Leu Asp Gly Pro Leu Asp Phe
 290 295 300

tgc gac agc tgc cat gtg cgg ccc cct ggt gat gag gag gaa ggc ctc 960
 Cys Asp Ser Cys His Val Arg Pro Pro Gly Asp Glu Glu Glu Gly Leu
 305 310 315 320

tgt cag tcc tct gag gag cag gct cga gag cct ggg cac ccg cac ctg 1008
 Cys Gln Ser Ser Glu Glu Gln Ala Arg Glu Pro Gly His Pro His Leu
 325 330 335

cca cgg ccg ccc gca tgc ctg ctg ctg aac acc atc aac gag cag gac 1056
 Pro Arg Pro Pro Ala Cys Leu Leu Leu Asn Thr Ile Asn Glu Gln Asp
 340 345 350

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<212> PRT

<213> Homo sapiens

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Glu Ala Cys Val Gly Thr Asn Asn Gln Ser Tyr Ile Cys Asp Thr Gly
 35 40 45

His Cys Cys Gly Gln Ser Gln Cys Cys Asn Tyr Tyr Tyr Glu Leu Trp
 50 55 60

Trp Phe Trp Leu Val Trp Thr Ile Ile Ile Ile Leu Ser Cys Cys Cys
 65 70 75 80

Val Cys His His Arg Arg Ala Lys His Arg Leu Gln Ala Gln Gln Arg
 85 90 95

Gln His Glu Ile Asn Leu Ile Ala Tyr Arg Glu Ala His Asn Tyr Ser
 100 105 110

Ala Leu Pro Phe Tyr Phe Arg Phe Leu Pro Asn Tyr Leu Leu Pro Pro
 115 120 125

Tyr Glu Glu Val Val Asn Arg Pro Pro Thr Pro Pro Pro Tyr Ser

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Ala Gln Ser Ser Pro Leu Ser Glu Pro Ser Arg Ser Ser Thr Arg Pro		
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Pro Ser Ile Ala Asp Pro Asp Pro Ser Asp Leu Pro Val Asp Arg Ala		
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Ala Thr Lys Ala Pro Gly Met Glu Pro Ser Gly Ser Val Ala Gly Leu		
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Gly Glu Leu Asp Pro Gly Ala Phe Leu Asp Lys Asp Ala Glu Cys Arg		
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Glu Glu Leu Leu Lys Asp Asp Ser Ser Glu His Gly Ala Pro Asp Ser		
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Lys Glu Lys Thr Pro Gly Arg His Arg Arg Phe Thr Gly Asp Ser Gly		
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Ile Glu Val Cys Val Cys Asn Arg Gly His His Asp Asp Asp Leu Lys		
	275	280 285
Glu Phe Asn Thr Leu Ile Asp Asp Ala Leu Asp Gly Pro Leu Asp Phe		
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Cys Asp Ser Cys His Val Arg Pro Pro Gly Asp Glu Glu Glu Gly Leu		
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Cys Gln Ser Ser Glu Glu Gln Ala Arg Glu Pro Gly His Pro His Leu		
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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

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<210> 6
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<220>
 <223> Description of Artificial Sequence: Synthetic
 primer

<400> 6
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<210> 7
 <211> 24
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<220>
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 primer

<400> 7
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<210> 8
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<220>
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 primer

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<220>
 <223> Description of Artificial Sequence: Synthetic
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<223> Description of Artificial Sequence: Synthetic primer

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<210> 13

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<223> Description of Artificial Sequence: Synthetic primer

<400> 13

cgtgttcaga tagcctgtgt gg

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<210> 14

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<223> Description of Artificial Sequence: Synthetic primer

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<210> 15

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23

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<212> DNA

<213> Homo sapiens

<400> 16

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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<223> Description of Artificial Sequence: Synthetic
primer

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